NTT AT

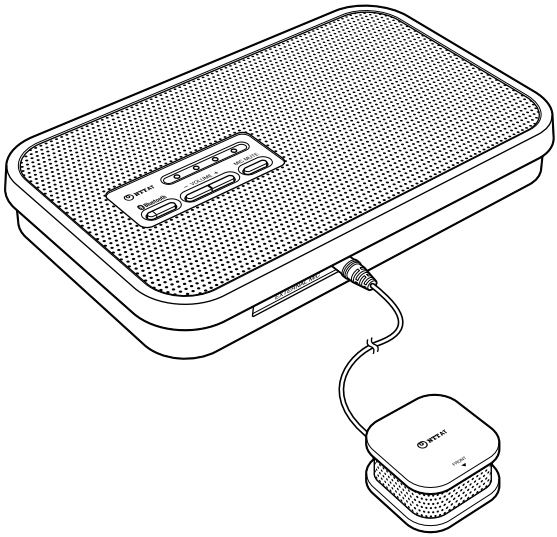
Audio Conferencing System

R-Talk 800EX

R-Talk 800PC

User's Manual

First Edition - December 1, 2011



NTT Advanced Technology Corporation

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LIMITED WARRANTY ..... **Back cover**

This user's manual is common to R-Talk 800EX and R-Talk 800PC.
The illustrations in this manual are images of R-Talk 800EX.

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For Your Safety

This User's Manual explains the precautions for safe use of the product in order to prevent property damage and bodily injury to yourself and others. Please read and understand the entire manual before using the product.
The table below shows the meanings of the signs and graphic symbols used in this User's Manual. Please understand what these signs and symbols represent before reading the text.
If you lose or damage this User's Manual, you may ask for it at the store where you purchased the product or NTT Advanced Technology.

Descriptions of Signs and Symbols in This User's Manual

⚠ **Danger**	Disregarding this point or handling incorrectly can rapidly result in death or injury.
⚠ **Warning**	Disregarding this point or handling incorrectly can result in death or injury.
⚠ **Notice**	Disregarding this point or handling incorrectly can result in injury or physical damage.
Caution	Disregarding this point or handling incorrectly can result in the product's failure to function as intended and may risk total operational failure.
Note	This point indicates a general caveat on the use of the product.
Tip	This point gives information that can make your use of the product more convenient.

Notes on Using This Product

This product is intended for use in a home environment but may cause reception interference when used in proximity to radio or television receivers. Follow the instructions for proper usage.

- In no event shall NTT Advanced Technology be liable for any indirect, special, incidental, consequential or similar damages (including, but not limited to lost profits or revenue, inability to use the product or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from use of the product or the breakdown, failure or malfunction of the product.
- NTT Advanced Technology verifies that the contents of this User's Manual are correct. However, if you have any comments or suggestions please contact the store where you purchased the product or NTT Advanced Technology.
- The specifications of the product, such as its appearance and functions, may be changed without prior notice.
- The screens depicted in this manual are for imaging purposes only and may be different from the actual screen displays. Refer to the product screen to check the details. Additionally, screen displays may be changed without prior notice for the sake of functional improvement.
- Waste batteries are precious resources. Tape both ends of waste batteries to prevent them from being in contact with other objects, and find a municipality that collects waste batteries for instructions on recycling. Please cooperate with us in recycling.

Microsoft, Windows and Windows Vista are registered trademarks or trademarks of Microsoft Corporation in the United States and other countries.
Other company names and their product names are their respective registered trademarks or trademarks.
The ™ and ® symbols are not used in the body of this manual.
Screenshots are used in compliance with the guidelines from Microsoft Corporation.

U.S. and Canada Regulatory and Compliance Information

Part 15 Rules
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation

Class B Digital Device or Peripheral
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications
In accordance with part 15 of the FCC rules, the user is cautioned that any changes or modifications not expressly approved by NTT Advanced Technology Corporation could void the user's authority to operate the equipment.

Canadian EMC Class B
This Class [B] digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

⚠Danger

- The liquid in dry cell batteries and nickel-hydride batteries may cause blindness. If the liquid gets into your eyes, do not rub them; immediately rinse them with clean water. See a doctor immediately.
- Use the designated charger to charge your nickel-hydride batteries. Otherwise, they may leak, heat up, or burst, and then may cause fires, electric shocks, burns and injuries.
- When inserting dry cell batteries or nickel-hydride batteries, ensure that the positive and negative ends are properly aligned. Otherwise, they may leak, heat up, or burst, and then may cause fires, electric shocks, burns and injuries.
- Follow the instructions below regarding dry cell batteries and nickel-hydride batteries. Otherwise, they may leak, heat up, or burst, and then may cause fires, electric shocks, burns and injuries.
  - Do not put the batteries in fire, or heat them up,
  - Do not solder the batteries directly,
  - Do not connect the positive and negative ends to wires or other metal objects,
  - Do not rip off or scratch the exterior tubes (covers),
  - Do not soak or wet the batteries in water, including sea water.
- Do not disassemble or remodel dry cell batteries and nickel-hydride batteries. Otherwise, they may leak, heat up, or burst, and then may cause fires, electric shocks, burns and injuries.

Product Installation

⚠Warning

- Do not place any items filled with water or other liquids, such as coffee cups, water glasses, vases, flowerpots, cosmetics, or medicine containers near the product or its power adapter. Also do not place small metal objects near the product or its power adapter. Spilling water and other liquids or allowing small metal objects to enter onto the product or its power adapter, may cause a fire or electric shock.
- Do not place the product or its power adapter in the following environments, as doing so may cause a fire, electric shock or equipment failure.
  - Outdoor locations, locations exposed to direct sunlight, and high-temperature locations such as those near heating equipment or a boiler.
  - Locations exposed to spattering oil and steam, such as those near a kitchen counter.
  - Humid locations or locations subject to water, oil or chemicals.
  - Litter- and dust-prone locations, and locations where iron powder or toxic gas is generated.
  - Particularly low-temperature locations, such as an ice-making storage area.
- Do not place or use your R-Talk 800EX in a place:
  - Where an electric medical device is close by,
  - Where an automatic door, fire alarm system or other automatically controlled device is close by,
  - Where there is a pacemaker within 22 cm of the product.

Product Handling

⚠Warning

- Use a commercial AC100-240V power source only for the power adapter. The use of a different source may cause a fire or electric shock.
- Be sure the power adapter is inserted securely into the power outlet. Incomplete insertion may cause a fire or electric shock.
- Be sure to use a dedicated power adapter. Never use a different type of power adapter, as doing so may cause a fire or electric shock.
- Do not connect power to multiple extensions using power strips, branching outlets or branching sockets. Doing so may cause a fire or electric shock.
- Be sure there is no dust on the power adapter before inserting it into the power outlet. Disconnect the power adapter from the power outlet once every six months to a year for inspection and cleaning. The accumulation of dust may cause a fire or electric shock. Consult the store where you purchased the product regarding inspection.
- Using the product in an abnormal condition, such as in the presence of smoke or strange odors, may cause a fire or electric shock. In the event there is smoke, immediately disconnect the power adapter from its power outlet and disconnect the USB cable from the USB port, and remove the dry cell batteries or nickel-hydride batteries. Be sure the smoking has ceased before requesting repair from the store where you purchased the product. Never try to repair it yourself, as it is dangerous.
- If you drop the product or damage the cabinet, or if a foreign object or water enters the product or power adapter, immediately disconnect the power adapter from its power outlet and disconnect the USB cable from the USB port, and remove the dry cell batteries or nickel-hydride batteries. And then, request repair from the store where you purchased the product. Continuing to use the product may cause a fire or electric shock.
- Do not disassemble or alter the product, as doing so may cause a fire or electric shock. Request inspection, adjustment, cleaning and repair of the product's interior from the store where you purchased it (disassembled or altered products may be subject to the refusal of repair).
- Do not scratch, damage, convert, forcibly bend, pull, twist or bundle the power adapter cord or USB cable. Further, placing a heavy object on the cord or heating it may damage the cord and thereby cause a fire or electric shock. Request repair of a damaged cord from the store where you purchased the product.
- Using the power adapter cord or USB cable when damaged (e.g. when its internal wires are exposed or broken) may cause a fire or electric shock. Immediately disconnect the power adapter from its power outlet and disconnect the USB cable from the USB port, and request repair from the store where you purchased the product.
- Be cautious when disconnecting the power adapter from the power outlet when any problems mentioned below are detected.
- Do not pour water on the product or its power adapter, nor operate the product or connect/disconnect the power adapter with wet hands, as doing so may cause a fire or electric shock.
- While cleaning the product, leave the power adapter disconnected from its power outlet, and also leave the USB cable disconnected from the USB port. Otherwise, a fire or electric shock may occur.
- Do not use flammable spray near the product. A sprayed-on gas, if it adheres to an inside component of the product, may cause a fire or electric shock.
- Do not use alcohol, benzene, thinner or other flammable solvents to clean the product. Flammable solvents attached to an inside component of the product or volatile gases filling the interior of the product may cause a fire or electric shock.
- Do not insert or drop any foreign objects such as metals or flammable objects into the inside of the product from any of its openings. Should a foreign object enter the product, immediately disconnect the power adapter from its power outlet and disconnect the USB cable from the USB port, remove the dry cell batteries or nickel-hydride batteries, and contact the store where you purchased the product. Continuing to use the product may cause a fire or electric shock. Families with small children should be particularly careful.
- Do not use the product for medical purposes or for purposes that require a high degree of safety. Doing so may cause death or severe injury, leading to considerable disorientation.
- If you wish to relocate the product, be sure that the power adapter has been disconnected, and also that the USB cable has been. Otherwise, the power adapter and USB cable may be damaged, and a fire or electric shock may occur.
- Be sure you are holding the power adapter when disconnecting the adapter from the power outlet. Pulling the power adapter cord itself may damage it and thereby lead to a fire, electric shock and cord breakage.
- Do not place the product, power adapter cord or USB cable near a heat source. Doing so may melt the coating of the cabinet or the cord, leading to a fire or electric shock.
- Should thunder occur nearby, disconnect the power adapter from the power outlet and refrain from using the product. Using the product during a thunderstorm may cause a fire or electric shock.
- If the liquid in dry cell batteries and nickel-hydride batteries gets onto your skin or clothes, wash it off immediately with clean water. The liquid can cause skin problems.

Product Installation

⚠Notice

- Do not place the product on any unstable surface such as a wobbly or tilted platform. Furthermore, do not place any heavy object on the product. Doing so may disrupt the balance of the object and knock it down or make it fall, causing injury.
- Do not wire outdoors. Wiring between buildings through the air may particularly cause failure due to thunder.

Product Handling

⚠Notice

- If you do not use the product for a prolonged period, for safety reasons, be sure to disconnect the power adapter from its power outlet and to disconnect the USB cable from the USB port, and to remove the dry cell batteries or nickel-hydride batteries.
- Do not ride on the product. Families with small children should be particularly careful. The rider may topple over or break the product, causing injury.
- On rare occasions, the anti-slip rubber applied to the bottom of the product may discolor the surface that is exposed to it.
- Be sure your ears are away from the speaker when powering the product on or off, or when connecting or disconnecting the USB cable, handset cord or cell phone cable. High-volume sound from the speaker may harm human ears.
- To avoid high-volume sound from the product's speaker or from the other party's, which may harm human ears, do not switch on or off the product during a teleconference. Also, do not connect or disconnect a USB cable, handset cord, cell phone cable and external microphone cable during a teleconference to avoid the same hazard.
- Follow the instructions below to properly use dry cell batteries and nickel-hydride batteries.
  - Dry cell batteries you may use are valid AA alkaline batteries.
  - Hydride batteries you may use are AA nickel-hydride batteries.
  - Do not use new dry cell batteries together with used ones; do not mix different types of dry cell batteries, or use dry cell batteries together with nickel-hydride batteries.
  - Replace exhausted batteries immediately.
  - NTT Advanced Technology is not liable for any malfunction of the product due to liquid leaks from your dry cell batteries or nickel-hydride batteries.

Product Installation

STOP Caution

- Do not place the product near electronics, audiovisual devices, office machines and other magnetized equipment, nor in locations where electromagnetic rays are generated (e.g., microwave ovens, speakers, television sets, radios, fluorescent lamps, inverter air conditioner and electromagnetic ovens).
  - Influence by magnetism or electrostatic noise may increase noise or render telephone conversation impossible. (The use of a microwave oven may have a particularly significant influence.)
  - Locations near a television or radio may cause poor reception or distorted television images.
  - If you experience significant noise due to the presence of a broadcasting or radio station nearby, try moving the product to a different location.
- Locations where hydrogen sulfide exists (hot springs) or locations with high salt concentrations (seashores) may shorten the life of the product.

Product Handling

STOP Caution

- When re-POWERING the product after turning it off, wait at least five seconds before turning it on.
- Do not drop the product or subject it to strong impact, as doing so may cause failure.
- Do not wipe the product with wet cloth, benzene, thinner or alcohol, as doing so may discolor or disfigure it. Excessive dirt may be wiped off with a moistened cloth and mild detergent, after which a dry, soft cloth should be used to clean the product.
- Note the following when speaking hands-free:
  - Do not place any object in front of the microphone.
  - Do not cover the microphone with your hands. The product may beep.
  - The sound from the speaker may be cut off in the following situations:
    - When you start speaking before the other party has finished speaking;
    - When you start speaking simultaneously with the other party;
    - When the noises surrounding the product are loud.
- The R-Talk 800EX is a product that does not easily enable a third party to intercept a call made using digital signals. A third party can receive your calls intentionally or accidentally in an uncommon way, since radio waves are used for signal transmission. Please consider this issue carefully.

Radio Wave Interference

The radio system of the R-Talk 800EX is Bluetooth, which uses radio waves in the frequency range of 2.4 GHz. Radio waves with this frequency are used for various devices, such as microwave ovens and wireless LAN devices; therefore, you may have interruptions or other sound issues during a call, due to radio wave interference. Also, devices nearby may be less well operated or performed. The R-Talk 800EX is not easily affected by radio waves; however, note the following points:

- If the R-Talk 800EX is operating near a microwave oven or another device, you may have interruptions, or the product may stop working. Please keep the R-Talk 800EX away from a microwave oven, etc. (Over approx. three meters)
- Please keep the product three meters away from a radio, television, wireless device or antenna. Otherwise, a sound or image problem occurs.
- If the R-Talk 800EX is operating at the same time as a wireless LAN device, such as a router, an AV device, or a security device, you may have interruptions, connection is disabled, or the device may be affected. Please keep the R-Talk 800EX as far away as possible from the wireless LAN device.
- The following devices use 2.4 GHz radio waves. If any of the devices is near, you may have interruptions, or the product may stop working. Also, the other party may be affected. Please place or use the devices as far away as possible.
  - A wireless game controller,
  - A factory, warehouse, or other logistics management system,
  - An anti-shoplifting security gate (seen in a bookstore or CD shop),
  - The identification system of a railroad vehicle or emergency vehicle,
  - A wireless LAN device (a TV, video, computer, etc),
  - A fire alarm system,
  - A medical microwave device,
  - An automatic door or other automatically controlled device,
  - An amateur radio station,
  - A Bluetooth-enabled device, etc.
- A wireless system in the frequency range of 2.400 to 2.4835 GHz is built in the R-Talk 800EX and cannot avoid the bandwidth of devices used for identifying mobile objects. The modulation method is "FH-SS" and the interference distance is 10 meters.
  The information is available on the mark shown to the right. The mark is attached to the R-Talk 800EX.

Bluetooth®

* Bluetooth is a trademark of Bluetooth SIG, Inc. NTT Advanced Technology is licensed to use the trademark.

Notes on Radio Waves

The R-Talk 800EX operates in the same frequency bandwidth as industrial, scientific, and medical devices such as microwave ovens, premises radio stations (license required) and specified low-power radio stations (license not required) used for identifying mobile objects in factory production lines, and amateur radio stations (license required).

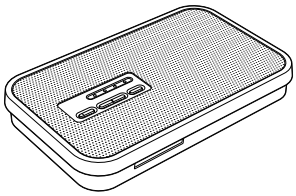
- Before using the R-Talk 800EX, be sure that no premises radio station or specified low-power radio station used for identifying mobile objects is operating nearby, and also that no amateur radio station is.
- If the R-Talk 800EX causes any radio interference against a premises radio station used for identifying mobile objects, immediately disable your Bluetooth connection. For instructions to avoid interference problems (e.g. how to set up a partition), please contact the store where you purchased the product.
- Also, please contact the store where you purchased the product if the R-Talk 800EX causes any radio interference against a specified low power wireless station used for identifying mobile objects, or if you have any other troubles.

Contents of This Package

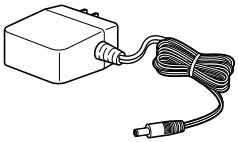
Checking the Package of R-Talk 800EX

Be sure you have all the following items before use.

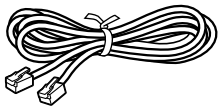
● **Main Unit** (One)



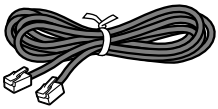
● **Power Adapter**
(Cable Length:
Approximately 2 m) (One)



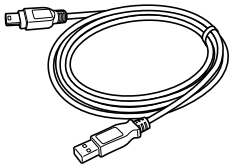
● **Handset Cord**
(Straight/White,
Approximately 3 m) (One)



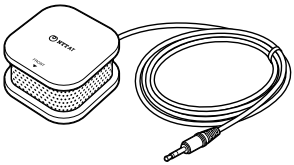
● **Handset Cord**
(Crossed/Black,
Approximately 3 m) (One)



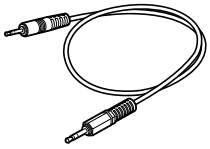
● **USB Cable**
(Approximately 3 m) (One)



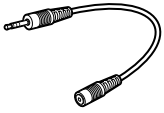
● **External Microphone**
(Cable Length:
Approximately 2 m) (One)



● **3.5 mm Plug - 2.5 mm Plug Stereo Audio Cable**
(Approximately 1 m) (One)



● **2.5 mm Jack - 3.5 mm 4-Pin Plug Cable**
(for Smartphone)
(Approximately 10 cm) (One)



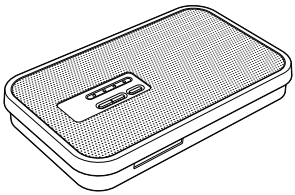
● **User's Manual**
(This Document)
(One Copy)

If there are any missing components in this package, or if there are any pages missing or misplaced in the user's manual, please contact the store where you purchased the product.

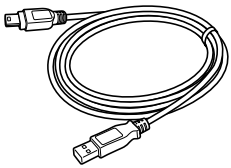
Checking the Package of R-Talk 800PC

Be sure you have all the following items before use.

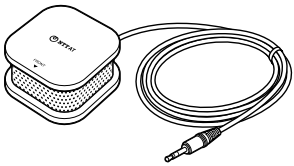
● **Main Unit** (One)



● **USB Cable**
(Approximately 3 m) (One)



● **External Microphone**
(Cable Length:
Approximately 2 m) (One)



● **User's Manual**
(This Document)
(One Copy)

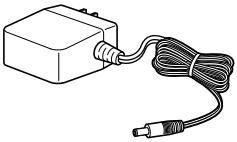
If there are any missing components in this package, or if there are any pages missing or misplaced in the user's manual, please contact the store where you purchased the product.

Optional Items

For details on the optional items, please contact the store where you purchased the product.

● **Power Adapter for R-Talk 800 RT-OPT-AC1**

This adapter is for R-Talk 800PC.
The adapter for R-Talk 800EX is included in the package.



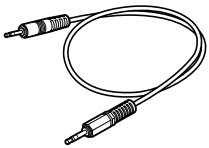
● **External Microphone for R-Talk RT-OPT-MIC1**

Up to four external microphones can be connected to the main unit.

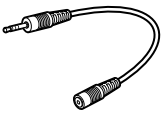
● **Cell Phone Cable Set for R-Talk RT-OPT-CBL2**

The following items are for R-Talk 800PC. These are included in the package of R-Talk 800EX.
Two cables are contained in this package. You may choose one which is compatible with the cell phone you use.

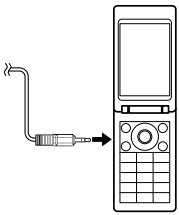
3.5 mm Plug - 2.5 mm Plug Stereo Audio Cable
(Approximately 1 m) (One)



2.5 mm Jack - 3.5 mm 4-Pin Plug Cable (for Smartphone)
(Approximately 10 cm) (One)

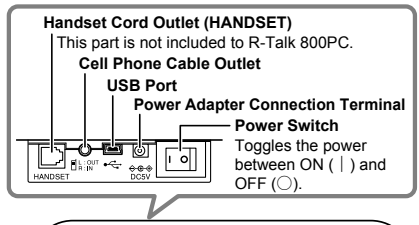


<Connection Example>



Descriptions of Parts and Operations

The descriptions are based on R-Talk 800EX. R-Talk 800PC does not have Handset Cord Outlet or Bluetooth Pairing Button/Bluetooth Light.



Handset Cord Outlet (HANDSET)
This part is not included to R-Talk 800PC.

Cell Phone Cable Outlet

USB Port

Power Adapter Connection Terminal

Power Switch
Toggles the power between ON (|) and OFF (○).

Speaker

Status Lights (see p. 11)
Indicates microphone/speaker level and volume statuses.

Microphone Mute Button (MIC MUTE)
Press this button to turn off the microphone. Pressing it again turns on the microphone. The microphone mute function is disabled when you turn the main unit off and on again.

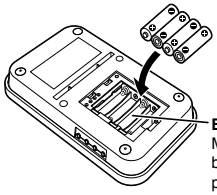
Volume Adjustment Button (VOLUME)
Adjusts speaker/microphone volume.
<Adjusting the speaker volume>
Press "+" to raise the volume and "−" to lower it.
<Adjusting the microphone volume>
Press and hold the "microphone mute button", and then press "+" to raise the volume and "−" to lower it.

Microphone

Bluetooth Pairing Button (see p. 14)/ Bluetooth Light (see p. 11)
Connects a cell phone via Bluetooth. These parts are not included to R-Talk 800PC.

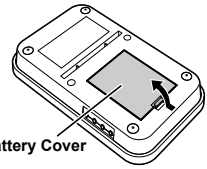
External Microphone Connection Terminal (see p. 21) **(EXTERNAL MIC)**

Battery Holder (Bottom)
Open the battery cover and insert four AA dry cell batteries or four AA nickel-hydride batteries.



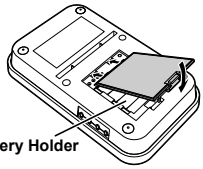
Battery Holder
Make sure that the batteries are correctly positioned.

●**How to open the battery cover**



Battery Cover

●**How to close the battery cover**



Battery Holder

Tip

● **Speaker/Microphone volume**

There are 12 speaker/microphone volume levels. The factory setting is "6". The speaker volume is reset to "6" when you turn the main unit off and on again. The microphone volume remains at the adjusted level even if you turn off the main unit.

● **To use batteries**

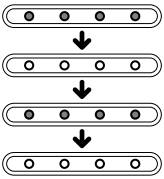
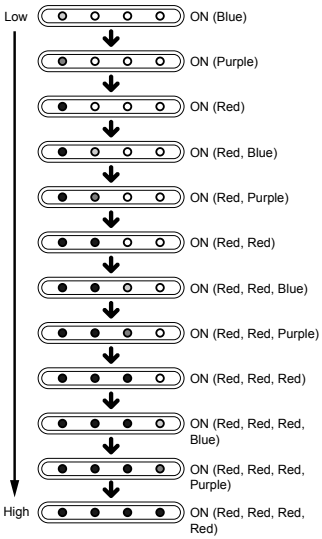
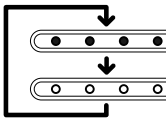
Insert four AA alkaline batteries or AA nickel-hydride batteries into the battery holder. New batteries enable you to perform conversations in approximately 120 minutes (when the speaker volume is "6"). When the batteries are exhausted, the main unit does not operate. AA alkaline batteries or AA nickel-hydride batteries are not supplied with the main unit.

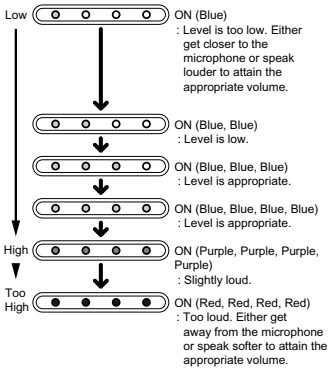
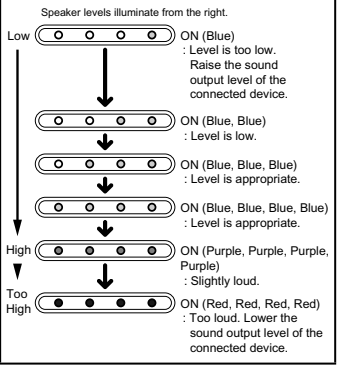
Caution

● You cannot connect Handset Cord, Cell Phone Cable and USB Cable to the main unit at the same time.

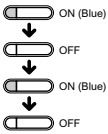
Status Indicator Lights

■Status Lights

Status	Lamp illumination (color)
Power on	
On hold	 The rightmost indicator may also light up.
When adjusting speaker volume or microphone volume	Each indicator represents three volume steps up to a maximum 12. 
When the microphone is muted	 Blinks repeatedly

Status	Lamp illumination (color)
When you are speaking (Microphone Level)	Microphone levels illuminate from the left. 
When the other party is speaking (Speaker Level)	Speaker levels illuminate from the right. 

■Bluetooth Light (R-Talk 800EX)

Status	Lamp illumination (color)
During connection	
During pairing	

Tip

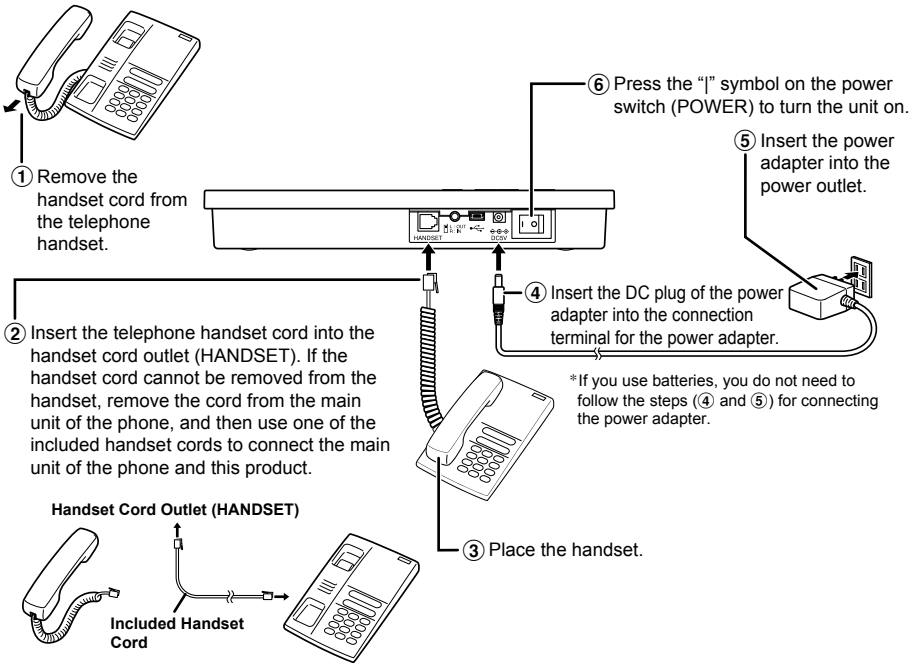
● **When the battery voltage is low during operation:**

The status lights of microphone volume or speaker volume blink.

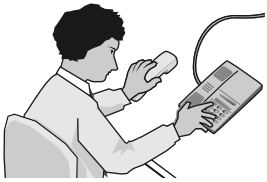
● **About Bluetooth pairing:**

The Bluetooth light blinks slowly when you press the Bluetooth pairing button. You can perform the pairing operation when the Bluetooth light blinks rapidly.

Connecting to a Land-Line Phone (R-Talk 800EX)


⑥ Press the "|" symbol on the power switch (POWER) to turn the unit on.
⑤ Insert the power adapter into the power outlet.
① Remove the handset cord from the telephone handset.
HANDSET
DC 9V
④ Insert the DC plug of the power adapter into the connection terminal for the power adapter.
② Insert the telephone handset cord into the handset cord outlet (HANDSET). If the handset cord cannot be removed from the handset, remove the cord from the main unit of the phone, and then use one of the included handset cords to connect the main unit of the phone and this product.
*If you use batteries, you do not need to follow the steps (④ and ⑤) for connecting the power adapter.
Handset Cord Outlet (HANDSET)
③ Place the handset.
Included Handset Cord

⑦ Lift the handset of the phone, and then dial a number to connect to the other party.



⑧ Speak into the main unit.

Tip

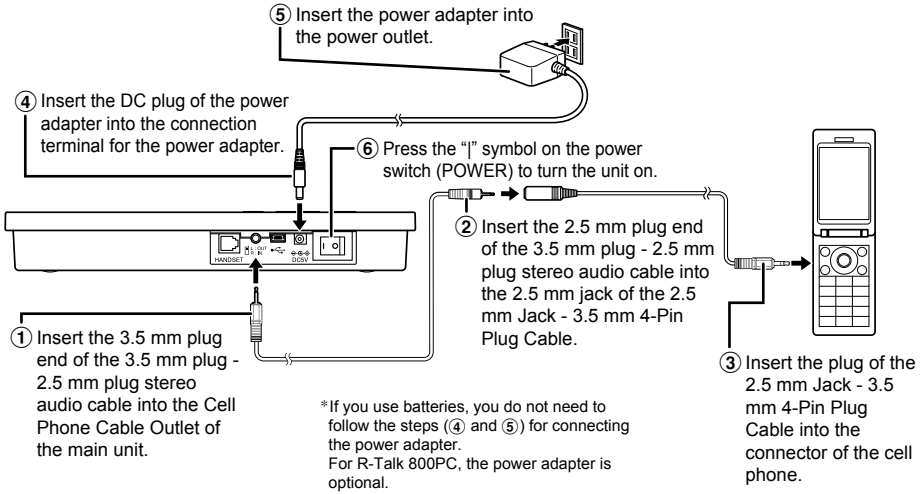
- **If the other party's voice is too loud or too faint:**
  Adjust the reception volume of the telephone in order to attain the appropriate volume. If no adjustment is possible on the phone, adjust the speaker volume (see p. 10).
  The voice level of the other party can be monitored via the status lights (see p. 11).
- **If the other party says your voice is too loud or too faint:**
  Adjust the microphone volume (see p. 10).
- **If you cannot hear the other party's voice or make your voice heard over the telephone:**
  Remove the cord from the main unit of the phone, and then use one of the included handset cords to connect the main unit of the phone and this product.
  • When you cannot talk using the handset cord (straight/white) → Connect the handset cord (crossed/black).
  • When you cannot talk using the handset cord (crossed/black) → Connect the handset cord (straight/white).

Note

- Connecting the cell phone cable disables you to use the phone to connect to the other party.
- To prevent damage to the telephone or the main unit of this product due to thunder, use a thunder guard for protection.
- To protect the speaker, the speaker output may turn off when the excessive signal is sent to the main unit. In this case, you need to turn the main unit off and on again.

Connecting to a Cell Phone Using Cables (R-Talk 800EX, R-Talk 800PC)

For R-Talk 800PC, you need Cell Phone Cable Set for R-Talk (optional, see p. 9). Select the cable type which is compatible with the cell phone you use.


⑤ Insert the power adapter into the power outlet.
④ Insert the DC plug of the power adapter into the connection terminal for the power adapter.
⑥ Press the "|" symbol on the power switch (POWER) to turn the unit on.
② Insert the 2.5 mm plug end of the 3.5 mm plug - 2.5 mm plug stereo audio cable into the 2.5 mm jack of the 2.5 mm Jack - 3.5 mm 4-Pin Plug Cable.
① Insert the 3.5 mm plug end of the 3.5 mm plug - 2.5 mm plug stereo audio cable into the Cell Phone Cable Outlet of the main unit.
③ Insert the plug of the 2.5 mm Jack - 3.5 mm 4-Pin Plug Cable into the connector of the cell phone.
HANDSET
DC5V

*If you use batteries, you do not need to follow the steps (④ and ⑤) for connecting the power adapter.
For R-Talk 800PC, the power adapter is optional.

⑦ Dial a number on the cell phone to connect to the other party.

⑧ Speak into the main unit.

Tip

- **If the other party's voice is too loud or too faint:**
  Adjust the ear piece volume of the cell phone in order to attain the appropriate volume. If no adjustment is possible on the cell phone, adjust the speaker volume (see p. 10). The status lights indicate the other party's voice level (see p. 11).
- **If the other party says your voice is too loud or too faint:**
  Adjust the microphone volume (see p. 10).

Caution

- Be sure you align the cell phone cable to the direction of the connector.
- Use cell phones at least 1 m away from the main unit. If they are too close to the unit, noise may occur.

Note

- Some cell phone models need a separate conversion connector.
- Some cell phones generate an echo effect.
- To protect the speaker, the speaker output may turn off when the excessive signal is sent to the main unit. In this case, you need to turn the main unit off and on again.

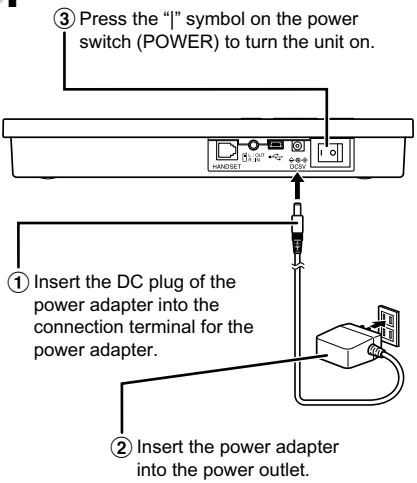
Connecting to the Cell Phone via Bluetooth (R-Talk 800EX)

You can have a hands-free conversation with the other party by wirelessly connecting the main unit to a cell phone via Bluetooth.

Performing Pairing (Registering) With a Bluetooth Device

To use the Bluetooth function, the pairing (registering) with the cell phone is required. For the operation of the cell phone, please refer to its user's manual.
Once the Bluetooth device is paired (registered), you can reconnect them only by connection operation (see p. 15).

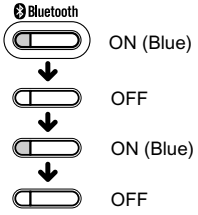
1 Turn on the main unit.


③ Press the "|" symbol on the power switch (POWER) to turn the unit on.
HANDSET
DC9V
① Insert the DC plug of the power adapter into the connection terminal for the power adapter.
② Insert the power adapter into the power outlet.

*If you use batteries, you do not need to follow the steps (① and ②) for connecting the power adapter.

2 Press the Bluetooth pairing button of the main unit.

The Bluetooth light blinks slowly. When it blinks rapidly, go to step 3.



3 Perform pairing using a cell phone.

The device name of the main unit is "R-Talk", and the passkey is "0000".
Perform pairing near the main unit (within 5 m).
The standby duration of the main unit is approximately 1 minute.

4 When the pairing is completed, the main unit is connected to the cell phone via Bluetooth and the Bluetooth light turns on.

ON (Blue)

Tip

- **To cancel pairing**
  Turn the main unit off in steps 2 or 3.
- **To use the hands-free function**
  Connect to the other party with the cell phone, and speak into the main unit.

Note

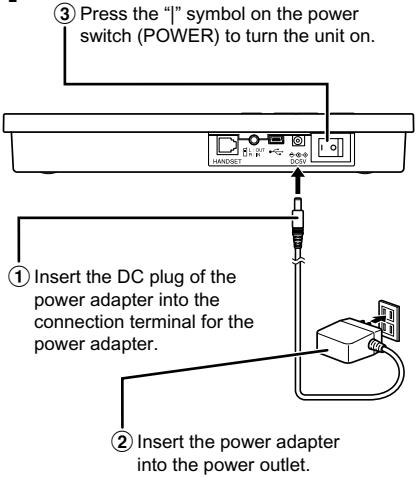
- Only one device can be connected to the main unit via Bluetooth.
- When the cell phone receives a call during Bluetooth connection, you will hear Ringing tone from the main unit's speaker.
- The speaker may beep in step 4.

Connecting/Disconnecting to the Bluetooth Device

For information on how to operate the cell phone, please refer to its user's manual.

■Connecting

1 **Turn on the main unit.**


③ Press the "|" symbol on the power switch (POWER) to turn the unit on.
HANDSET
DC5V
① Insert the DC plug of the power adapter into the connection terminal for the power adapter.
② Insert the power adapter into the power outlet.

*If you use batteries, you do not need to follow the steps (① and ②) for connecting the power adapter.

2 **Connect the cell phone to the main unit via Bluetooth.**

The device name of the main unit is "R-Talk".

When the main unit is connected to the cell phone via Bluetooth, the Bluetooth light will turn on and you will hear some beeps from the main unit's speaker.

ON (Blue)

Tip

- **To connect to a Bluetooth device for the first time**
  You need to perform pairing (registering) (see p. 14).
- **To use the hands-free function**
  Connect to the other party with the cell phone, and speak into the main unit.

■Disconnecting

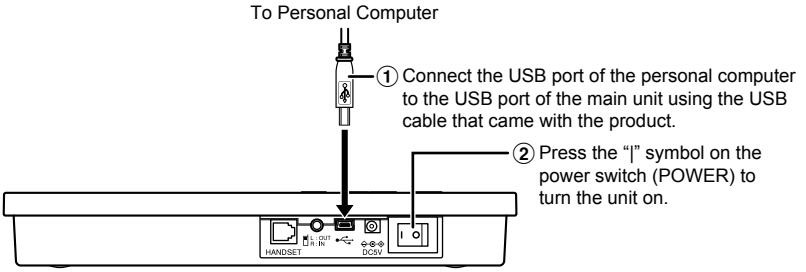
1 **Disconnect the Bluetooth from the cell phone.**

The Bluetooth light turns off.

Note

- You cannot connect to Bluetooth if you do not connect the main unit to a cell phone within approximately ten minutes after turning on the main unit.
  In this case, you need to turn the main unit off and perform the procedure again.
- Even after disabling the Bluetooth connection between a cell phone and the main unit, you can re-enable the connection within approximately ten minutes.
  If the connection procedure is not performed within approximately ten minutes, the Bluetooth connection is disabled.
  In this case, you need to turn the main unit off and perform the procedure again.
- The Bluetooth light is off approximately ten minutes after turning on the main unit or disabling the Bluetooth connection between a cell phone and the main unit.
- Use cell phones near the main unit (within 5 m).
- When the cell phone and the main unit are away more than the transmission distance of the Bluetooth (approximately 5 m), the Bluetooth connection is disabled.
  In this case, you turn the main unit off and perform the procedure again.
- Depending on the environment, a conversation may be cut off even when using cell phone within 5 m from the main unit. In this case, you need to put the cell phone closer to the main unit.
- When the cell phone receives a call during Bluetooth connection, you will hear Ringing tone from the main unit's speaker.
- To protect the speaker, the speaker output may turn off when the excessive signal is sent to the main unit. In this case, you need to turn the main unit off and on again.

Connecting to a Personal Computer Using a USB Cable (R-Talk 800EX, R-Talk 800PC)


To Personal Computer
① Connect the USB port of the personal computer to the USB port of the main unit using the USB cable that came with the product.
② Press the "|" symbol on the power switch (POWER) to turn the unit on.
HANDSET
DC5V

③ When the connection process is complete, go to "Checking the Settings of Personal Computer (Windows 7/ Windows Vista)" (see p. 17) or "Checking the Settings of Personal Computer (Windows XP)" (see p. 19).

④ Start the Web conference application or VoIP phone software on the personal computer, and then connect to the other party.

⑤ Speak into the main unit.

Tip

- **If the other party's voice is too loud or too faint:**
  Adjust the speaker volume of the personal computer in order to attain the appropriate volume.
  • Using Windows 7/Windows Vista (see p. 18)
  • Using Windows XP (see p. 19)
  If no adjustment is possible on the personal computer, adjust the speaker volume of the main unit (see p. 10).
  The other party's voice level can be monitored via the status lights (see p. 11).
- **If the other party says your voice is too loud or too faint:**
  Adjust the microphone volume of the personal computer in order to attain the appropriate volume.
  • Using Windows 7/Windows Vista (see p. 18)
  • Using Windows XP (see p. 20)
  If no adjustment is possible on the personal computer, adjust the microphone volume of the main unit (see p. 10).
- **The power source when connected to a personal computer via USB**
  The power is supplied to the main unit via USB. You do not need to connect the power adapter or insert batteries.

Caution

- Do not allow your computer to enter the standby, sleep or shutdown mode during a conversation.

Note

- Connecting the USB cable to the personal computer in step 1 above causes the main unit to be recognized as an audio device of the computer even when the power of the main unit is off.
- If the batteries are contained in the main unit, and you turn off the personal computer when the power of the main unit is on, the power source is switched to the batteries and they start to discharge.
- For details on using your Web conferencing application or VoIP telephone software, please see the manual that was included with that software.
- To protect the speaker, the speaker output may turn off when the excessive signal is sent to the main unit. In this case, you need to turn the main unit off and on again.

Checking the Settings of Personal Computer (Windows 7/Windows Vista)

The check procedure for the settings of personal computer is described below. Screenshots are the images of Windows 7. The display may vary depending on the personal computer.

■Checking the Settings

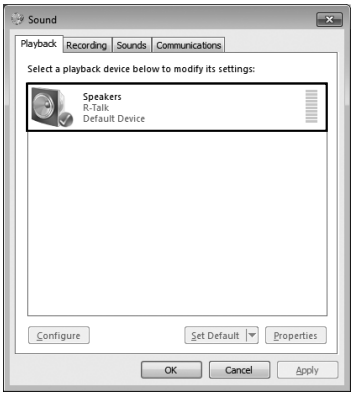
1 **Click the [Start], and then [Control Panel].**

2 **Click [Hardware and Sound].**

3 **Click [Manage audio devices].**

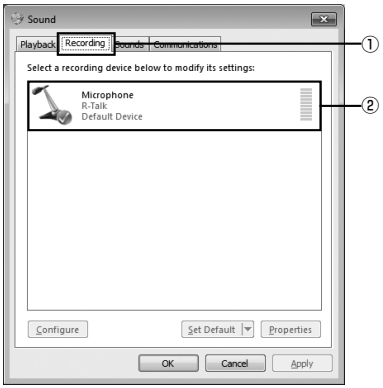
4 **Check the [Playback] screen in [Sound].**

Confirm that [Speakers R-Talk] is selected.
[Speakers USB Audio Device] may appear instead.



5 **Check the [Recording] screen in [Sound].**

① Click the [Recording] tab.
② Check that [Microphone R-Talk] is selected.
[Microphone USB Audio Device] may appear instead.



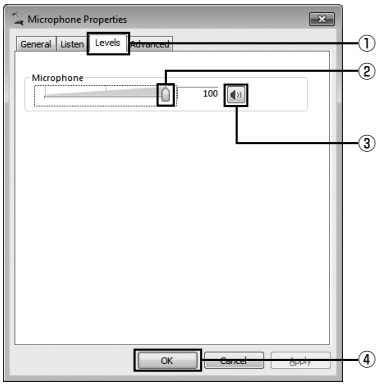
(Continued on next page)

■Adjusting the Microphone/Speaker Volume

6 **Click [Microphone R-Talk], and then [Properties].**

7 **Adjust the microphone volume.**

① Click the [Levels] tab.
② Maximize the [Microphone] volume.
If the microphone volume is too high, lower the volume.
③ Check that the [Microphone] icon is shown as .
If appears, click to change into .
④ Click [OK] to close the screen.

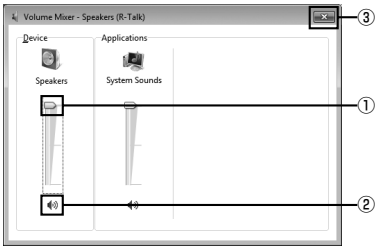


8 **Click [×] at the upper-right of [Sound] screen to close it.**

9 **Click [Adjust system volume] in [Hardware and Sound] screen.**

10 **Adjust the speaker volume.**

① Maximize the [Speakers] volume.
If the speaker volume is too high, lower the volume.
② Confirm that the [Speakers] icon is shown as .
If appears, click to change into .
③ Click [×] at the upper-right of the screen to close it.



11 **Click [×] at the upper-right of the [Hardware and Sound] screen to close it.**

The check procedure is finished.

Checking the Settings of Personal Computer (Windows XP)

The check procedure for the settings of personal computer is described below. Screenshots are the images of Windows XP (Categorized Display Mode). The display may vary depending on the personal computer.

■Checking the Settings

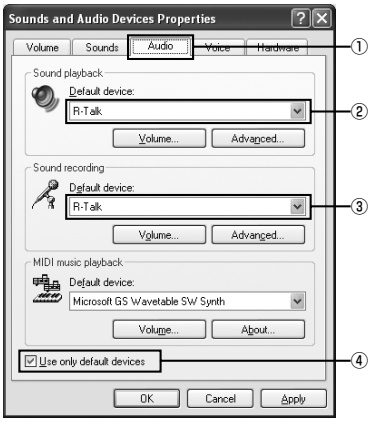
1 **Click the [Start], and then [Control Panel].**

2 **Click [Sounds, Speech, and Audio Devices].**

3 **Click [Sounds and Audio Devices].**

4 **Check the [Audio] screen.**

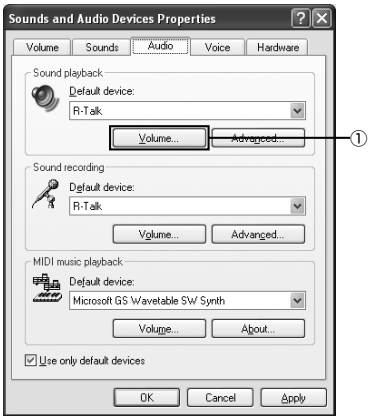
① Click the [Audio] tab.
② Check that [R-Talk] is selected as [Default device] for [Sound playback].
③ Check that [R-Talk] is selected as [Default device] for [Sound recording].
④ Check that [Use only default devices] is marked.
Mark the checkbox if it is unmarked.



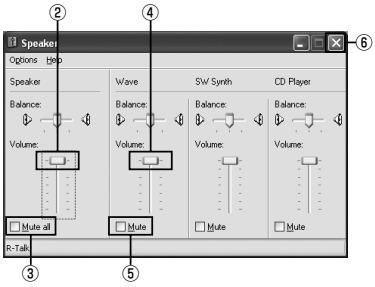
■Adjusting the Microphone/ Speaker Volume

5 **Adjust the speaker volume.**

① Click [Volume] in [Sound playback].



② Maximize the [Speaker] volume.
If the speaker volume is too high, lower the volume.



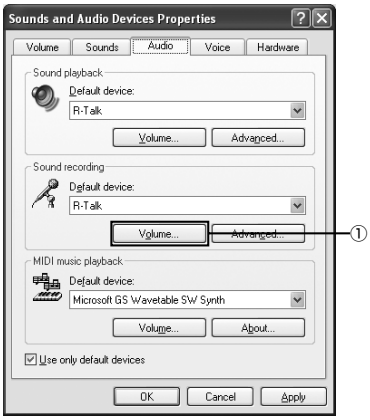
③ Check that [Mute all] in [Speaker] is unmarked.
Unmark the checkbox if it is marked.
④ Maximize the [Wave] volume.

(Continued on next page)

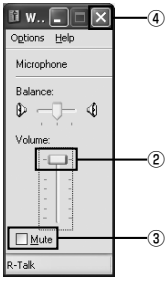
⑤ Check that [Mute] in [Wave] is unmarked.
Unmark the checkbox if it is marked.
⑥ Click [×] at the upper-right of the screen to close it.

6 Adjust the microphone volume.

① Click [Volume] in [Sound recording].



② Maximize the [Microphone] volume.
If the microphone volume is too high, lower the volume.
③ Check that [Mute] in [Microphone] is unmarked.
Unmark the checkbox if it is marked.
④ Click [×] at the upper-right of the screen to close it.



7 Click [OK] in the [Sounds and Audio Devices Properties] screen.

8 Click [×] at the upper-right of [Sounds, Speech, and Audio Devices] screen to close it.

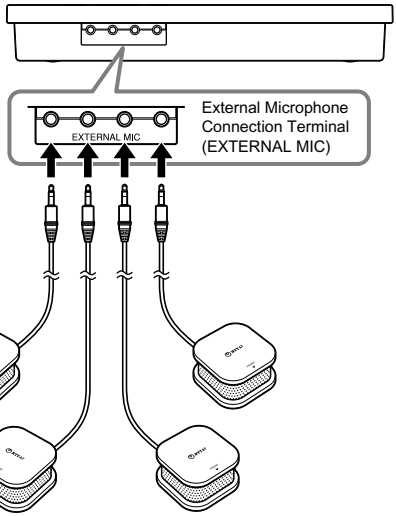
The check procedure is finished.

How to Use the External Microphone

When the internal microphone does not pick up sound well in a large space, such as a conference room, use the external microphone. The internal microphone picks up sound even when the external microphone is connected.

■ Connecting the External Microphone

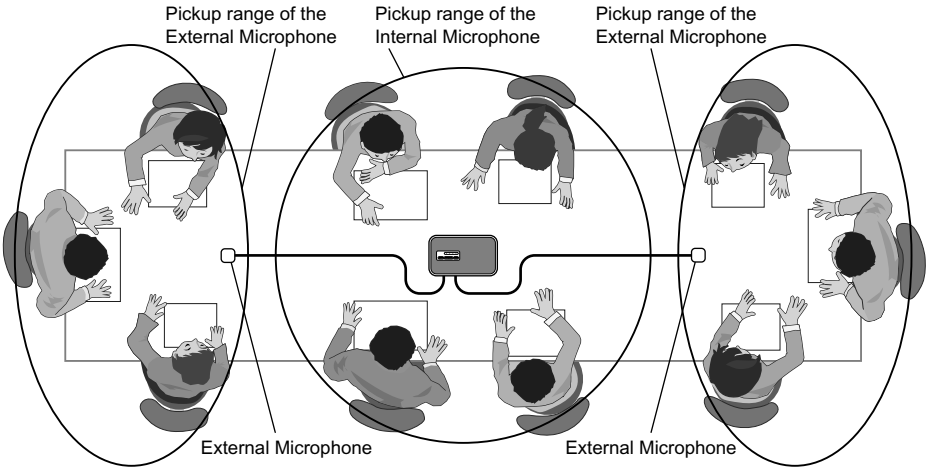
Connect the external microphone to the EXTERNAL MIC terminal of the main unit.



- The package of this product contains one.
- Up to four microphones can be connected. If you need two or more microphones, please contact the store where you purchased the product.
- When you put away the external microphone, you can twist the cable around it.

■ Pickup Range of the External Microphone

The pickup range of the external microphone is 180 degrees to the front.


Pickup range of the External Microphone
Pickup range of the Internal Microphone
Pickup range of the External Microphone
External Microphone
External Microphone

Tip

- **To use the external microphone**
  Untie the external microphone cable. Place the external microphone with the NTTAT facing up.

Caution

- Always turn off the main unit before connecting or disconnecting the external microphone cable.

Specifications of R-Talk 800EX

Item	Specification
USB Port	USB 1.1 full speed/in compliance with AC97
Bluetooth Transmission	Support HFP/HSP, Transmission distance: approx. 5 m
Bluetooth Specification	Bluetooth 2.0+EDR
Input to Cell Phone Cable Outlet	ϕ 3.5 mm stereo mini jack (For input and output)
Output from Cell Phone Cable Outlet	ϕ 3.5 mm stereo mini jack (For input and output)
External Microphone Input	ϕ 3.5 mm mini jack × 4
Handset cord outlet	4-pin modular jack
Microphone	Built in the main unit
Speaker	Built in the main unit
Frequency Range	100 Hz − 14 KHz
Echo Cancellation Time	128 ms
Standards	RoHS compliant
Power Source	AC100−240 V (50/60 Hz) (Dedicated power adapter)
	4 AA alkaline/nickel-hydride batteries
Wattage	Maximum 6 W (When using dedicated power adapter)
Outside Dimensions	Approx. 226 mm (W) × Approx. 134 mm (D) × Approx. 33 mm (H)
Weight (main unit)	Approximately 600 g
Operating Environments	Temperatures: 0 °C − 40 °C Humidity: 20 % − 80 % (Non-condensing)
Operating Systems Supported	• Windows XP Home Edition (SP3) Windows XP Professional (SP3) • Windows Vista Home Basic (32-bit) Windows Vista Home Premium (32-bit) Windows Vista Business (32-bit) Windows Vista Ultimate (32-bit) • Windows 7 Starter (32-bit) Windows 7 Home Premium (32-/64-bit) Windows 7 Professional (32-/64-bit) Windows 7 Ultimate (32-/64-bit)

Specifications of R-Talk 800PC

Item	Specification
USB Port	USB 1.1 full speed/in compliance with AC97
Input to Cell Phone Cable Outlet	ϕ 3.5 mm stereo mini jack (For input and output)
Output from Cell Phone Cable Outlet	ϕ 3.5 mm stereo mini jack (For input and output)
External Microphone Input	ϕ 3.5 mm mini jack × 4
Microphone	Built in the main unit
Speaker	Built in the main unit
Frequency Range	100 Hz − 14 KHz
Echo Cancellation Time	128 ms
Standards	RoHS compliant
Power Source	AC100−240 V (50/60 Hz) (Dedicated power adapter)
	4 AA alkaline/nickel-hydride batteries
Wattage	Maximum 6 W (When using dedicated power adapter)
Outside Dimensions	Approx. 226 mm (W) × Approx. 134 mm (D) × Approx. 33 mm (H)
Weight (main unit)	Approximately 580 g
Operating Environments	Temperatures: 0 °C − 40 °C Humidity: 20 % − 80 % (Non-condensing)
Operating Systems Supported	• Windows XP Home Edition (SP3) Windows XP Professional (SP3) • Windows Vista Home Basic (32-bit) Windows Vista Home Premium (32-bit) Windows Vista Business (32-bit) Windows Vista Ultimate (32-bit) • Windows 7 Starter (32-bit) Windows 7 Home Premium (32-/64-bit) Windows 7 Professional (32-/64-bit) Windows 7 Ultimate (32-/64-bit)